

Fujitsu recommends Windows 8 Pro.

Data Sheet

Fujitsu ESPRIMO C710

Desktop PC

Your Ultra Small Form Factor PC

The Fujitsu ESPRIMO C710 has an ultra-small form factor with a volume of less than 8-liters, making it ideal for your space-constrained office. A 90%-efficient power supply and Intel® Standard Manageability will lower your energy and administrative costs. A professional Intel® Core™ processor ensures great performance. Plus, EraseDisk ensures secure system retirement

Green technology

Fujitsu's contribution to environmental protection for the continued existence of our planet

- Modern, environmentally friendly product concept from development to recycling

Energy efficiency

Reduce power consumption and costs - without any loss of performance

- Sophisticated technology, low energy-consuming processors and enhanced power management settings

Made in Germany

Outstanding quality and stable functions based on German production standards

- The development, production and function tests - all under one roof in Germany

Flexibility

Systems tailored to meet your business requirements

- Flexible logistics concept - Customizing program (made4you)

Compact design

Top quality PC for office environments with little space; can be positioned both horizontally and vertically

- Ultra small form factor PC with only 7.4 liters volume, integrated, highly efficient power supply, legacy interfaces and powered serial ports



Components

Processor	Intel® Core™ i7-3770 processor (4 Cores / 8 Threads, 3.40 GHz, up to 3.9 GHz, 8 MB, Intel® HD Graphics 4000) *
	Intel® Core™ i5-3570 processor (4 Cores / 4 Threads, 3.40 GHz, up to 3.8 GHz, 6 MB, Intel® HD Graphics 2500) *
	Intel® Core™ i5-3470 processor (4 Cores / 4 Threads, 3.20 GHz, up to 3.6 GHz, 6 MB, Intel® HD Graphics 2500) *
	Intel® Core™ i3-3220 processor (2 Cores / 4 Threads, 3.30 GHz, 3 MB, Intel® HD Graphics 2500)
	Intel® Core™ i3-2130 processor (2 Cores / 4 Threads, 3.40 GHz, 3 MB, Intel® HD Graphics 2000)
	Intel® Core™ i3-2120 processor (2 Cores / 4 Threads, 3.30 GHz, 3 MB, Intel® HD Graphics 2000)
	Intel® Pentium® processor G860 (2 Cores / 2 Threads, 3.00 GHz, 3 MB, Intel® HD Graphics)
	Intel® Pentium® processor G850 (2 Cores / 2 Threads, 2.90 GHz, 3 MB, Intel® HD Graphics)
	Intel® Pentium® processor G645 (2 Cores / 2 Threads, 2.90 GHz, 3 MB, Intel® HD Graphics)
	Intel® Pentium® processor G640 (2 Cores / 2 Threads, 2.80 GHz, 3 MB, Intel® HD Graphics)
	Intel® Celeron® processor G550 (2 Cores / 2 Threads, 2.60 GHz, 2 MB, Intel® HD Graphics)
	Intel® Celeron® processor G540 (2 Cores / 2 Threads, 2.50 GHz, 2 MB, Intel® HD Graphics)
	*with Intel® Turbo Boost Technology (clock speed and performance will vary depending on workload and other variables)
Operating systems	
Operating system	Windows 8 Pro
	Windows 8
	Windows® 7 Professional 64-bit
	Windows® 7 Professional 32-bit
	Windows® 7 Home Premium 64-bit
	Windows® 7 Home Basic (EM) 32-bit
Operating system compatible	
openSUSE Linux	
Windows® XP	
Operating system notes	
Limited Windows® XP support. Microsoft discontinued Windows® XP certification on system level, basic drivers via http://support.ts.fujitsu.com	
Memory modules	
2 GB (1 module(s) 2 GB) DDR3, unbuffered, non-ECC, 1600 MHz, PC3-12800, DIMM	
4 GB (1 module(s) 4 GB) DDR3, unbuffered, non-ECC, 1600 MHz, PC3-12800, DIMM	
8 GB (1 module(s) 8 GB) DDR3, unbuffered, non-ECC, 1600 MHz, PC3-12800, DIMM	
Hard disk drives (internal)	
SSD SATA III, 256 GB, 2.5-inch	
SSD SATA III, 128 GB, 2.5-inch, SED	
SSD SATA III, 128 GB, 2.5-inch	
SSD SATA II, 128 GB, 2.5-inch, FDE	
HDD SATA III, 7200 rpm, 2000 GB, 3.5-inch	
HDD SATA III, 7200 rpm, 1000 GB, 3.5-inch	
HDD SATA III, 7200 rpm, 500 GB, 3.5-inch, business critical	
HDD SATA III, 7200 rpm, 500 GB, 3.5-inch	
HDD SATA III, 7200 rpm, 250 GB, 3.5-inch	
HDD SATA II, 7200 rpm, 320 GB, 2.5-inch	
HDD SATA II, 7200 rpm, 160 GB, 2.5-inch	
Hard disk notes	
Up to 18 GB of HDD space is reserved for system recovery	
Graphics add on cards (optional)	
NVIDIA® Quadro® NVS 300 LP, 512 MB	
NVIDIA® GeForce® GT630 DisplayPort 2GB LP 0-Watt, 2 GB	
NVIDIA® GeForce® 605 DisplayPort 1GB LP, 1 GB	
LFH59/ 2x DVI-I adapter cable	
LFH59/ 2x DP adapter cable	
DP to DVI-D (single link) Adapter Cable	

Drives (optional)	BD Triple Writer SATA slim (tray)
	DVD SuperMulti SATA slim
	DVD Super Multi Slot-in slim
Interface add on cards/components (optional)	
	WLAN III, 802.11g/Draft-n (Windows only, dedicated regions only)
	Parallel Interface
	Gigabit Ethernet PCIe x1, DS
	eSATA Interface
	Dual serial card PCIe x1, powered
	Dual serial card PCIe x1
Base unit	ESPRIMO C710
Mainboard	
Mainboard type	D3164
Formfactor	proprietary
Chipset	Intel® Q75
Processor socket	LGA 1155
Processor quantity maximum	1
Memory slots	4 DIMM (DDR3)
Supported capacity RAM (max.)	32 GB
Memory frequency	1600 MHz
Memory notes	Dual channel support. For dual channel performance, a minimum of 2 memory modules have to be ordered. Capacity per channel has to be the same.
LAN	10/100/1000 MBit/s Intel® 82579 V
BIOS version	AMI Aptio 4.6
BIOS features	BIOS Flash EPROM update by software Recovery BIOS Unified Extensible Firmware Interface (UEFI)
Audio codec	Conexant CX20642
Audio features	Internal speaker supports audio playback, High Definition audio
I/O controller on board	
Serial ATA total	3
thereof SATA III	1
thereof eSATA	1 (optional)
Controller functions	Serial ATA II (3 Gbit) Serial ATA III (6 Gbit) NCQ AHCI
Interfaces	
Audio: line-in	1
Audio: line-out	1
Front audio: microphone	1
Front audio: headphone	1
USB 2.0 total	8
USB 3.0 total	4
USB front	2x 2.0/ 2x 3.0
USB rear	4x 2.0/ 2x 3.0
USB internal	2
VGA	1 (via DVI to VGA adapter, part of shipment)
DisplayPort	1
DVI	1 (DVI-I)

Interfaces

Serial (RS-232)	2 (powered, 9pin, 16 byte FIFO, 16550 compatible)
Mouse / Keyboard (PS/2)	2
Ethernet (RJ-45)	1
Parallel	1 (optional) (25pin with EPP and ECP)
eSATA	1 (optional)
Interface Module notes	Anytime USB charge functionality

Input device / components

	Optical USB wheel mouse
Input devices (optional)	Optical USB/PS2 tilt wheel mouse KBPC PX ECO Mouse M440 ECO

Drive bays

Drive bays total	2
3.5-inch internal bays	1
5.25-inch external bays	1
Drive bay notes	slim optical disc drive

Slots

PCI-Express 3.0 x16	1 x (220 mm / 8.66 inch) Low profile
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Graphics on board

Graphics brand name	Intel® HD Graphics, HD Graphics 2000, HD Graphics 2500, HD Graphics 4000 (depending on CPU)
Shared video memory	up to 1759 MB
TFT resolution (VGA)	1024 x 768 pixel 1280 x 1024 pixel 1360 x 768 pixel 1440 x 900 pixel 1600 x 900 pixel 1600 x 1200 pixel 1680 x 1050 pixel 1920 x 1080 pixel 1920 x 1200 pixel
TFT resolution (DVI)	1360 x 768 pixel 1440 x 900 pixel 1600 x 900 pixel 1680 x 1050 pixel 1920 x 1080 pixel 1920 x 1200 pixel
TFT resolution (DisplayPort)	1360 x 768 pixel 1440 x 900 pixel 1600 x 900 pixel 1680 x 1050 pixel 1920 x 1080 pixel 1920 x 1200 pixel 2560 x 1440 pixel 2560 x 1600 pixel
Graphics features	Dual display support DirectX® 10.1 or DirectX® 11 (depending on CPU) HDCP support Open GL® 3.3 (depending on CPU) Open CL™ 1.1 (depending on CPU) For multi monitoring mode, graphics card and integrated graphics run in parallel (Microsoft® Windows 7® only)
Graphics notes	Tested resolutions, depending on display type additional resolutions and frequencies possible Shared memory depending on main memory size and operating system Resolution (color depth up to 32 Bit/pixel) For TFT we recommend using 60Hz

Electrical values

Power efficiency note	power supply efficiency (at 230V; 20% / 50% / 100% load) : 87% / 90% / 87%
Rated voltage range	100 V - 240 V
Rated frequency range	50 Hz - 60 Hz
Operating voltage range	90 V - 264 V
Operating line frequency range	47 Hz - 63 Hz
Max. output of single power supply	225 W
Power factor correction/active power	active
Monitor outlet	No

Power consumption

Power consumption note	See white paper Energy Consumption
Link to Energy White Paper	http://docs.ts.fujitsu.com/dl.aspx?id=b9cc21d4-28b0-4b9f-bdca-ee49f0253469

Heat dissipation

Heat dissipation notes	See white paper Energy Consumption
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Noise emission

Related Processors for noise	Core i3-2120 ; Core i5-3770
Standard noise emission	2x2 GB, HDD, ODD, Windows According to ISO 7779:2010, ECMA-74
Standard noise notes / description	A weighted sound power level L _{wad} (in B) / Workplace related A-weighted sound pressure level L _{pAm} (in dB(A))
Standard noise operation mode: CPU 50% load	3.6 B / 22 dB(A) Bystander; 26 dB(A) Operator position; 3.9 B / 26 dB(A) Bystander; 30 dB(A) Operator position
Standard noise operation mode: HDD load	3.6 B / 23 dB(A) Bystander; 27 dB(A) Operator position; 3.6 B / 23 dB(A) Bystander; 27 dB(A) Operator position
Standard noise operation mode: Idle mode	3.5 B / 22 dB(A) Bystander; 26 dB(A) Operator position; 3.6 B / 23 dB(A) Bystander; 26 dB(A) Operator position
Standard noise operation mode: ODD load	4.4 B / 30 dB(A) Bystander; 35 dB(A) Operator position; 4.4 B / 30 dB(A) Bystander; 36 dB(A) Operator position
Standard noise operation mode: Office applications 2.0	3.5 B / 22 dB(A) Bystander; 26 dB(A) Operator position; 3.6 B / 23 dB(A) Bystander; 26 dB(A) Operator position
Blue angel noise emission according certification	for max. possible configuration According to ISO 7779:2010, ECMA-74
Blue angel noise notes / description	A weighted sound power level L _{wad} (in B); 1B = 10dB
Blue angel noise operation mode: HDD load	3.7 B = 37 dB
Blue angel noise operation mode: Idle mode	3.7 B = 37 dB
Blue angel noise operation mode: ODD load	4.4 B = 44 dB

Dimensions / Weight / Environmental

Dimensions (W x D x H)	265 x 315 x 88 mm 10.44 x 12.4 x 3.47 inch
Operating position	Vertical / horizontal (no feet needed)
Weight	9 kg
Weight (lbs)	20.2 lbs
Weight notes	Actual weight may vary depending on configuration
Operating ambient temperature	10 - 35°C (50 - 95°F)

Compliance

Product	ESPRIMO C710
Model	USD
Germany	TÜV GS
Europe	CE Nordic Swan in progress

Compliance

USA/Canada	FCC Class B cCSAus
Global	RoHS (Restriction of hazardous substances) WEEE (Waste electrical and electronic equipment) Microsoft Operating Systems (HCT / HCL entry / WHQL) ENERGY STAR® 5.0 (dedicated regions) EPEAT® Gold (dedicated regions)
Compliance link	https://sp.ts.fujitsu.com/sites/certificates/

Additional Software

Additional software (preinstalled)	Nero Essentials S (burning software) Fujitsu Recovery (Hard Disk Based Recovery) Norton Internet Security (incl. Firewall) 60 days version Don't forget Office.
Additional software (optional)	Recovery DVD for Windows® Drivers & Utilities DVD (DUDVD) CyberLink Power2Go BD (playback software for Blu-ray Disc™, only with Blu-ray Disc™ drive / Blu-ray playback is not supported under Windows XP if the system runs on Intel onboard graphics) Nero 10 Essentials XL

Miscellaneous

	Keyboard on (Special Fujitsu keyboard required) Thermal management Extended lifetime
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Compatibility (references)

	DMI 2.0 PC 2001 WMI 1.5 USB 2.0 SMBIOS
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Manageability

Manageability technology	DeskUpdate Driver management PXE 2.1 Boot code Wake up from S5 (off mode) Intrusion switch (optional) Intel® Standard Manageability WoL (Wake on LAN)
Manageability software	DeskView Client DeskView Instant BIOS Management DeskView Integration for Symantec Management Platform
DeskView components	Inventory Management BIOS Management Driver Management Security Management Alarm Management
Manageability link	http://ts.fujitsu.com/manageability

Security

System protection	Kensington Lock support Eye for padlock Optional: Integrated cabinet lock
Audit proof protection	EraseDisk (optional) Boot sector virus protection Write protect option for the Flash EPROM Embedded security (TPM 1.2) Control of all USB interfaces External USB ports can be disabled separately Control of external interfaces

Security	
Access protection	User and supervisor BIOS password Hard disk password Optional: Access protection via external SmartCard reader Optional: Access protection via internal SmartCard reader
Serviceability	
	EasyFix EasyChange for HDD
Packaging information	
Packaging dimension (mm)	467 x 265 x 540 mm
Packaging dimension (inch)	18.39 x 10.43 x 21.26 inch
Max. quantity / pallet	28
Material - Weight (g) Carton	940 g
Material - Weight (lbs) Carton	2.07 lbs
Material - Weight (g) EPS / PS	190 g
Material - Weight (lbs) EPS / PS	0.42 lbs
Material - Weight (g) PE	60 g
Material - Weight (lbs) PE	0.13 lbs
Packaging notes	printed user documentation is bleached in chlorine free process
Warranty	
Standard Warranty	1 year
Service level	Bring-In / On-Site Service (depending on country)
Maintenance and Support Services - the perfect extension	
Recommended Service	5x9, Response Time: Next Business Day
Spare Parts availability	5 years
Service Weblink	http://www.fujitsu.com/fts/services/support/index.html

Recommended Accessories

Wireless Keyboard Set LX900



The Wireless Keyboard LX900 is a top of the line desktop solution for lifestyle orientated customers, who want only the best for their desk. This superb keyboard set with offers ambitious users more functions, security and better features than a conventional interface device. It even includes 2.4 GHz technology and 128 AES encryption for security.

S26381-K564-L4** (**: Country specific variation)

SOUNDSYSTEM DS E2000 Air



The new more powerful SOUNDSYSTEM DS E2000 Air gives you impressive, well-balanced sound throughout the frequency band. It is an unbeatable USB speaker set with a surprisingly small form factor. The robust satellite speakers are decorated with a deluxe piano finish and the base is adorned with warm ambient lighting.

Order Code:
S26391-F7128-L600

WebCam 130 HD2



With the most advanced HD (High Definition / 720p) recording feature and widescreen video format (16:9 and 16:10), WebCam 130 HD2 can capture up to 30 frame rate per second, close up to HD/720p quality video. Even more: 1-Click-Upload makes the video uploading to YouTube in a snap! With smart clip for notebook & LCD display it is easy to install on any device you want.

Order Code:
S26391-F7136-L5

HS E2000 Communicator Headset

The Fujitsu HS E2000 Communicator headset allows you to use your personal computer for Voice over IP (VoIP) in stereo audio quality. This premium headset is designed to provide superb audio quality and comfort for the telephony, internet chat, speech recognition, video conferencing and multimedia applications.

Order Code:
S26391-F7139-L5

CELVIN® Drive D100

The CELVIN® Drive D100 is a highly reliable external storage device with a standard USB-interface for easy Plug & Play use with a notebook or PC. It is also easy to set up additional home network capacity by connecting it with dedicated routers or NAS devices.

Order Code:
S26341-F103-L116

More information

Fujitsu OPTIMIZATION Services

In addition to Fujitsu ESPRIMO C710, Fujitsu provides a range of platform solutions. They combine reliable Fujitsu products with the best in services, know-how and worldwide partnerships.

Fujitsu Portfolio

Build on industry standards, Fujitsu offers a full portfolio of IT hardware and software products, services, solutions and cloud offering, ranging from clients to datacenter solutions and includes the broad stack of Business Solutions, as well as the full stack of Cloud offering. This allows customers to leverage from alternative sourcing and delivery models to increase their business agility and to improve their IT operation's reliability.

Computing Products

www.fujitsu.com/global/services/computing/

Software

www.fujitsu.com/software/

More information

Learn more about Fujitsu ESPRIMO C710, please contact your Fujitsu sales representative or Fujitsu Business partner, or visit our website.
www.fujitsu.com/fts/ESPRIMO

Fujitsu green policy innovation

Fujitsu Green Policy Innovation is our worldwide project for reducing burdens on the environment. Using our global know-how, we aim to resolve issues of environmental energy efficiency through IT. Please find further information at <http://www.fujitsu.com/global/about/environment/>



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